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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Sheet	1	of	2
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**Complete if Known**

Application Number	10/649,920
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<b>Filing Date</b>	8/25/2003
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First Named Inventor	Carey A. Smith
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Art Unit	<del>To Be Assigned</del> 2878
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Examiner Name	To Be Assigned <u>1</u>
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Attorney Docket Number	66638/37454
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## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

[illegible]

Examiner  
Signature

Le

Date	
Considered	

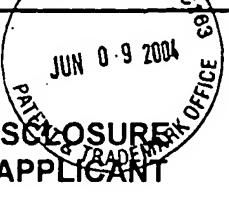
7/05

\* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO				Complete if Known	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)		Application Number		10/649,920	
		Filing Date		8/25/2003	
		First Named Inventor		Carey A. Smith	
		Group Art Unit		To Be Assigned 2878	
		Examiner Name		To Be Assigned Le	
Sheet	2		2	Attorney Docket Number 6638/37454	

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
1		JOHN W. HARDY, Adaptive Optics for Astronomical Telescopes, <i>Oxford University Press</i> , 1998 (pages 31-33, and 55-69)	
1		WILLIAM H PRESS, et al., Numerical Recipes in C: The Art of Scientific Computing, <i>Cambridge University Press</i> , 1992 (pages 32-36, and 59-71)	
1		ARTHUR GELB, Applied Optimal Estimation, <i>The MIT Press</i> , 1974 (pages 102-112)	
1		DAVID L. FRIED, Branch Point Problem in Adaptive Optics, <i>Optical Society of America</i> , 1998 (pages 2759-2768)	
1		WALTER J. WILD, et al., Rapid and Robust Detection of Branch Points from Wave-Front Gradients, <i>Optical Society of America</i> , 1999 (pages 190-192)	
1		GLENN A. TYLER, Adaptive Optics Compensation in Strong Scintillation: Reconstruction and Assessment of the Slope Discrepancy Phase and Its Relation to Branch Points, Fitting Error and Noise, <i>The Optical Sciences Company</i> , 2000 (pages 2-24)	
1		GLENN A. TYLER, Reconstruction and Assessment of the Least-Squares and Slope Discrepancy Components of the Phase, <i>Optical Society of America</i> , 2000 (pages 1828-1839)	
1		JAMES P. STONE, et al., Branch Cut Sensitive Wavefront Reconstruction for Low Elevation Viewing, <i>AMOS Seminar</i> , 2001 (pages 1-10)	

Examiner Signature	Le	Date Considered	7/05
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